

- contd.  
a1
127. A method for performing homologous recombination, comprising
- providing a construct that comprises an oligonucleotide analogue;
- introducing said construct into one or more cells;
- allowing homologous recombination between said construct and the genome of said one or more cells to occur.
128. The method of claim 127, wherein said construct comprises a peptide nucleic acid, a phosphono peptide nucleic acid, a peptide nucleic acid - phosphono peptide nucleic acid, a hydroxyproline nucleic acid, a serine nucleic acid, a hydroxyproline nucleic acid-peptide nucleic acid, hydroxyproline nucleic acid - phosphono peptide nucleic acid, a serine nucleic acid-peptide nucleic acid, or a serine nucleic acid - phosphono peptide nucleic acid.
129. The method of claim 128, wherein said construct further comprises DNA.
- 

## REMARKS

### THE AMENDMENTS TO THE CLAIMS

Applicants have canceled claims 1 through 96 and added claims 97 through 129. These claims add no new subject matter as they are fully supported throughout the specification and the claims as originally filed. This amendment is made for the purpose of economizing on United States Patent and Trademark fees.

**CONCLUSION**

Applicants respectfully submit that the claims are ready for examination and in condition for allowance. Please apply any charges not covered, or any credits to **Deposit Account 501321** in the name of **David R. Preston & Associates** having **Customer No.: 24232**.

Respectfully submitted,

Date:

March 13, 2001



David R. Preston

Reg. No. 38,710

David R. Preston & Associates  
11404 Sorrento Valley Road  
Suite 104  
San Diego, CA 92121

Telephone: 858.450.1388  
Facsimile: 858.450.2188